

## AMENDMENTS TO THE CLAIMS

Please amend claims 1, 2, 4, 5, 7, 14, 15, 18-20 and 25 as follows.

Please cancel claims 10-13 and 27-30 without prejudice.

Please add claims 31-35 as follows.

1. (Currently amended) A method of transferring health-related information in real-time, the method comprising:

~~receiving health-related information transmitted from a first end of a network pathway between a portable healthcare device and a remote information site~~

generating health-related information at a portable healthcare device;

sending the health-related information from the portable healthcare device at a first end of a network pathway to a remote information site at a second end of the network pathway, the network pathway having a series of segments, each segment, immediately upon receipt, to prepare the health-related information with appropriate data for reading at the next segment along the network pathway towards [[a]] the second end of the network pathway; and

receiving the health-related information at the remote information site at the second end.

~~immediately passing the health-related information through a server interface to prepare the health-related information for reading at the next segment along the network pathway towards the second end; and~~

~~sending the health related information across the network pathway for receipt at the second end.~~

2. (Currently amended) The method of claim 1, wherein the preparing of the health-related information includes removing the health-related information from a wrapper ~~and wherein the sending of the health related information is across a wireless portion of the network pathway for receipt at the portable healthcare device.~~

3. (Original) The method of claim 1, wherein the preparing of the health-related information includes placing the health-related information into a wrapper acceptable for reading at the next segment along the network pathway towards the remote information site.

4. (Currently amended) The method of claim 1, wherein ~~the network pathway includes a virtual private network portion at the remote information site~~ generating the health-related information at the portable healthcare device includes receiving health-related information from a user interface of the portable healthcare device.

5. (Currently amended) ~~The method of claim 4, wherein sending of the health related information is across a wide area network portion of the network pathway for receipt at the remote information site~~ The method of claim 1 wherein generating the health-related information at the portable healthcare device includes directly receiving the health-related

information from a health-related information source connected to the portable healthcare device.

6. (Original) The method of claim 1, wherein one segment in the network pathway is a network host having an interface to unwrap the health-related information and place the health-related information into a wrapper acceptable for reading at the next segment along the network pathway towards the second end.

7. (Currently amended) The method of claim 6, wherein the network host ~~is further~~ to translate the health-related information ~~from a remote information site protocol to a user system protocol or~~ from a user system protocol to a remote information site protocol.

8. (Original) The method of claim 1, further including back-end processing of raw health-related information generated through an application running on the portable healthcare device.

9. (Original) The method of claim 8, wherein the back-end processing is speech recognition of voice health-related data, verification of digital electronic signature data, fingerprint recognition of fingerprint image data, or retinal recognition of eye image data.

Claims 10-13 (Cancelled).

14. (Currently amended) A health system for real-time data transmission along a network pathway, comprising:

a remote information site;

- a) a portable healthcare device, the portable healthcare device to send generate health-related information to and/or receive and to send the health-related information from across a wireless portion of [[a]] the network pathway, the network pathway having a series of segments, each segment, immediately upon receipt, to prepare the health-related information with appropriate data for reading at the next segment along the network pathway to the remote information site; and between a remote information site and the portable healthcare device, and
- b) an access server having an interface to prepare the health-related information for reading at the next segment along the network pathway, the access server to send the prepared health-related information across the network pathway.

15. (Currently amended) The system of claim 14, ~~wherein the network pathway includes a virtual private network portion at the remote information site~~ further comprising a health-

information source directly connected to the portable healthcare device, the health-related information source to provide health information directly to the portable healthcare device.

16. (Original) The system of claim 14, wherein the remote information site is an application service provider.

17. (Original) The system of claim 14, further including a network host in the network pathway having an interface to unwrap the health-related information and place the health-related information into a wrapper acceptable for the next segment along the network pathway.

18. (Currently amended) The system of claim 14, wherein the access server further includes a back-end processing unit to process ~~further including processing of~~ raw health-related information generated through an application running on the portable healthcare device.

19. (Currently amended) A computer accessible medium having stored therein a plurality of ~~sequences of executable~~ instructions, which, when executed perform operations comprising: ~~by a processor, cause the system to:~~

~~receive health-related information transmitted from a first end of a network pathway between a portable healthcare device and a remote information site, the~~

~~network pathway having a series of segments, each segment, immediately upon receipt, to prepare the health related information with appropriate data for reading at the next segment along the network pathway towards a second end of the network pathway;~~

~~immediately pass the health related information through a server interface to prepare the health related information for reading at the next segment along the network pathway towards the second end; and~~

~~send the health related information across the network pathway for receipt at the second end.~~

generate health-related information at a portable healthcare device; and

send the health-related information from the portable healthcare device at a first end of a network pathway to a remote information site at a second end of the network pathway, the network pathway having a series of segments, each segment, immediately upon receipt, to prepare the health-related information with appropriate data for reading at the next segment along the network pathway towards the second end of the network pathway.

20. (Currently amended) The computer accessible medium of claim 19, wherein the ~~wherein the~~ preparing of the health-related information includes removing the health-related information from a wrapper and wherein the sending of the health-related information is across a wireless portion of the network pathway for receipt at the portable healthcare device

21. (Original) The computer accessible medium of claim 19, wherein the preparing of the health-related information includes placing the health-related information into a wrapper acceptable for reading at the next segment along the network pathway towards the remote information site.

22. (Original) The computer accessible medium of claim 19, wherein the network pathway includes a virtual private network portion at the remote information site.

23. (Original) The computer accessible medium of claim 19, wherein one segment in the network pathway is a network host having an interface to unwrap the health-related information and place the health-related information into a wrapper acceptable for reading at the next segment along the network pathway towards the second end.

24. (Original) The computer accessible medium of claim 19, wherein the network host is further to translate the health-related information from a remote information site protocol to a user system protocol or from a user system protocol to a remote information site protocol.

25. (Currently amended) The computer accessible medium of claim 19, ~~further including additional sequences of executable instructions, which, when executed by the processor further cause the system to~~ wherein execution of the plurality of instructions further perform

operations comprising: process raw health-related information generated through an application running on the portable healthcare device.

26. (Original) The computer accessible medium of claim 25, wherein the processing is speech recognition of voice health-related data, verification of digital electronic signature data, fingerprint recognition of fingerprint image data, or retinal recognition of eye image data.

Claims 27-30 (Cancelled).

31. (New) The method of claim 1, further comprising receiving health-related information at the portable healthcare device sent from the remote information site across the network pathway in response to a request for the health-related information from the portable healthcare device.

32. (New) The method of claim 1 wherein health-related information includes at least one of a patient prescription, a laboratory service request, physician dictation regarding a patient, or a medical insurance claim.

33. (New) The system of claim 14 wherein the remote information site to send health-related information to the portable healthcare device across the network pathway in response



to a request for the health-related information from the portable healthcare device.

34. (New) The computer accessible medium of claim 19, wherein execution of the plurality of instructions by the machine further perform operations comprising:

receive health-related information at the portable healthcare device sent from the remote information site across the network pathway in response to a request for the health-related information from the portable healthcare device.

35. (New) The computer accessible medium of claim 19, wherein to generate the health-related information at the portable healthcare device includes directly receiving the health-related information from a health-related information source connected to the portable healthcare device.